

Science engagement partnering

Catherine Belcher
Regional Manager, WA Museum Geraldton



Our Vision

- A place where the people of WA explore their identity, heritage, environment and sense of place and where visitors will discover the diversity and creativity of this extraordinary State.

Our Purpose

- Collect, preserve, and study the natural and human heritage of WA and promote understanding, enjoyment and conservation of the heritage.
- Provide opportunities for people to share the unique stories of WA's people, land and sea.
- Ensure that in all its work the Museum is engaging, educational, experiential, exciting, entertaining and excellent.
- Inspire curiosity, discovery and debate.
- Create knowledge through its research, study and educational activity.
- Promote tolerance and understanding through sharing ideas and perspectives amongst our diverse community and users.
- Ensure the people of WA can explore and define their place in the world and their relationship to their environment and other peoples.

Museums have an unique role to play in encouraging a grasp of science and how it works, unlocking the sense that it is fundamentally a human endeavour in which people deeply interested in the workings of things can chase after answers to specific questions and build them into some general principles, modifying or even discarding previous views in the process.

Dr Des Griffin AM, Museums Australia Magazine Dec 2009



2009 International Year of Astronomy

Partnership with Perth Observatory



Western Australian Museum

2010 Kununurra Agricultural Show



www.museum.wa.gov.au

2010 Professional Development Day,
John Willcock College



WESTERN AUSTRALIAN
muSeum



'Ned the Honeyeater'

Mini Muses Programs

'Wendy the Whiting'





Mini Muses program
'Ned the Honeyeater'



Western Australian Museum

www.museum.wa.gov.au



Salty Seas and Sustainable Seas education program participants

Clem Burns
Heritage Award
2010 IYB



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WESTERN AUSTRALIAN
muSeum

“Inclusion of the social sciences and humanities as part of the sciences, science and society, and capacity building in the science communication sector. Public engagement requires not only awareness of the technical aspects of issues such as nuclear power or smoking, but also of the societal and attitudinal aspects”.

Inspiring Australia 2010





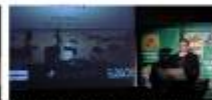











VIDEOS & VODCASTS FROM WA MUSEUM

The Western Australian Museum has produced a range of films and webcasts of our field work, floor talks, exhibition launches and curator lectures. All of our videos and documentaries can be viewed from this page.



VIDEOS LATEST VIDEOS BIODIVERSITY KIMBERLEY

BIODIVERSITY LECTURES

| | | |
|---|---|--|
|  Tales of Horny Beavers, Thrills and Organic Eggs 2 weeks 3 hours ago |  Darwin's process: Bernice 4 weeks 5 days ago |  Creatures of the night: KWA frogs and geckos 7 weeks 30 min ago |
|  Artificial reefs - are they suitable habitats for fish? 8 weeks 7 day ago |  Collecting marine life in the Kimberley 10 weeks 1 day ago |  Biodiversity in the hills 11 weeks 4 days ago |
|  Doubtless in crisis 12 weeks 1 day ago |  Seabirds of Western Australia 13 weeks 8 hours ago |  Resilience - The Borror Island Story 24 weeks 4 days ago |
|  Life underground 22 weeks 6 days ago |  Marine life of the Northwest 23 weeks 1 hour ago |  What fossils tell us about sea-level and climate change 23 weeks 7 hours ago |
|  Seashells of Western Australia 23 weeks 2 hours ago |  Spectacular spider flies: a guide to our night-flegged Eurydes 27 weeks 2 hours ago |  Life along the Leeuwin Current: seashells of the Caroli Vind and Hoodian Abellias 27 weeks 2 hours ago |
|  The rise of upper predatory sharks 27 weeks 2 hours ago | | |

WAM IYB 2010 – Lecture Series Launched February 2010

- Professor Lyn Beazley - Patron
- Series named “In the Wild West” in honour of WA Museum Fellow Dr Harry Butler
- Vodcast sponsorship from Chevron
- Regional sponsorship from Skywest
- Sea Week focus with Aquatic Zoology staff at every WA Museum site
- National Science Week focus with WAM scientific staff at every WA Museum site

49 lectures - 21 topics, 18 speakers, 5 locations

www.museum.wa.gov.au



'In the Wild West' IYB
lecture series

Head of Terrestrial
Zoology Dr Mark
Harvey discusses
spiders with
Meekatharra School of
the Air students



Western Australian Museum

BIODIVERSITY EVENTS 2010

Did I mention that Museum staff are shameless promoters of science and tonight and tomorrow we have our final IYB lectures for 2010

7pm, Thursday
Seabirds of Western Australia

10am, Friday
Cockatoos in Crisis

Thank you

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www.museum.wa.gov.au



This lecture was recorded at the Western Australian Museum – Albany on 8 July 2010.
This video recording was made possible with the support of Chevron Australia.



SEABIRDS OF WESTERN AUSTRALIA

International Year of Biodiversity - lecture series

Ron Johnstone
Curator of Ornithology, Terrestrial Zoology

Seabirds are great bio-indicators of the marine environment from the equator to the poles. The Indian Ocean is the third largest ocean covering 20% of the Earth's surface. Over the past 40 years there have been dynamic changes in the distributions, status and abundance of many of the seabirds occurring in Western Australia and the eastern Indian Ocean region including Indonesia, Christmas and Cocos-Keeling Islands, the Timor Sea, the Southern Ocean and the sub-Antarctic.

Join Ron Johnstone and John Darnell as they provide an overview of our sense of place in this region, and look at some of the historical changes in the biosphere including the invasion southwards of many tropical species, and also the impacts of climate change and humans on our marine avifauna.

Generalist 7:00pm, Thu 4 Nov 2010
Bookings are essential, call 9921 5080



This lecture was recorded at the Western Australian Museum – Albany on 24 June 2010.

This video recording was made possible with the support of Chevron Australia.



COCKATOOS IN CRISIS

International Year of Biodiversity - lecture series

Ron Johnstone
Curator of Ornithology, Terrestrial Zoology

Baudin's and Carnaby's Cockatoos are listed as endangered, and the Forest Red-tailed Black Cockatoo as threatened. All have suffered a substantial loss of habitat and a decline in numbers. Baudin's Cockatoo faces the paradox of being listed as endangered and declared as an agricultural pest to commercial orchards which is a challenging plight indeed.

Join Ron Johnstone as he examines the causes of this decline and how the conservation of Baudin's Cockatoo in particular provides us with a great challenge for the future.

Generalist 10:00am, Fri 5 Nov 2010
Bookings are essential, call 9921 5080